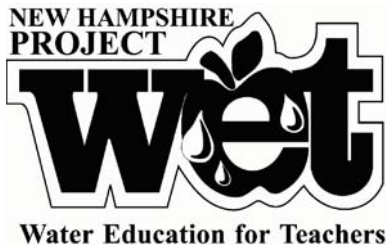


**A HANDBOOK LINKING
PROJECT WET'S
K-12 CURRICULUM AND
ACTIVITY GUIDE
TO NH FRAMEWORKS FOR
SCIENCE LITERACY (K-12)**

NH Project WET (Water Education for Teachers)
NH Department of Environmental Services
September 2006



ACKNOWLEDGMENTS

This handbook is a project of NH Project WET (Water Education for Teachers). NH Project WET is sponsored by the NH Department of Environmental Services. However, this resource would not be possible without the hard work and dedication of numerous people involved in the NH Project WET network, which includes:

- Project WET International Foundation
- NH Department of Education
- NH Project Learning Tree
- NH Project WILD

Our sincere gratitude to NH Project Learning Tree for allowing us to adapt the “How To Use This Handbook” and “Methodology” sections from the NH Project Learning Tree handbook included here.

Finally, our deepest appreciation to the following members of the WET network who correlated and reviewed the correlations found here.

- Donna Ciocca, Rundlett Middle School
- Nicole Clegg, Woodbury School
- Jessica Tabolt Halm, White Mountain Regional High School

This correlation was funded by the United States Environmental Protection Agency, Office of Environmental Education under agreement number NT-83272501-0 between the U.S. EPA and the University of Wisconsin–Stevens Point.

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TABLE OF CONTENTS

Methodology – 2006 Correlation Revision (Science)	i
---	---

How to Use This Handbook.....	ii
-------------------------------	----

Part 1: Correlation of Activities with NH Frameworks for Science Literacy	I-2
---	-----

Part 2: Correlation of NH Frameworks for Science Literacy with Project WET Activities

Earth Space Science	II-2
Life Science	II-5
Physical Science	II-7
Science Process Skills	II-9

Part 3: Chart of Correlations to NH Frameworks for Science Literacy (K-12)

Earth Space Science	III-2
Life Science	III-5
Physical Science	III-8
Science Process Skills	III-11
NH Frameworks for Science Literacy (K-12) – Domains and Strands	III-14

METHODOLOGY

2006 Correlation Revision (Science)

New Hampshire's curriculum standards have undergone substantial change in response to the federal No Child Left Behind Act. The former state standards were written for the end of grades three, six and ten. To meet new formalized assessment requirements, the NH Frameworks for Science Literacy (K-12), approved in June 2006, address content and skills, and are divided into grade spans for K-2, 3-4, 5-6, 7-8, 9-11 (basic literacy) and 11-12 (advanced literacy).

The NH Frameworks for Science Literacy (K-12) contain the following components:

- **Domain:** There are four domains within the science curriculum frameworks: Earth Space Science (ESS), Life Science (LS), Physical Science (PS), and Science Process Skills (SPS).
- **Strand:** There are five strands, or enduring knowledge statements, in LS and four each in domains of PS and ESS. Strands are the SAME for each grade span although not all components may be seen in each grade span. (Example: LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species.)
- **Stem:** These are the categories of ideas. Stems are common throughout all grade spans. (Example: 1. Classification)
- **Grade-span Expectations (Proficiencies):** These are what all students should know and be able to do within a specific grade range. The ranges include: K-2, 3-4, 5-6, 7-8, 9-11 (basic literacy level) 11-12 (advanced level).

For each strand, the associated proficiencies were consulted to help inform the degree of correlation of the broader strand with each activity; a match of at least one proficiency was required to indicate a correlation. Three elements of each activity will help focus the correlation process.

- The subject identifier in the sidebar will determine whether the activity will be correlated to the science frameworks; if science is not listed the activity will not be addressed. However, if a proficiency specifically addresses another subject (i.e. English Language Arts) then activities that relate to that subject will be correlated to the related stem.
- The grade levels noted in the sidebar will determine which grade span proficiencies will be examined.
- The description of activity objectives in the sidebar will inform which curriculum and proficiency standard(s) are related to the activity.

Note: Any attempt to correlate universal curriculum standards and a single curriculum program involves subjectivity. Two important steps were taken to limit bias. First, the author applied this rigorous methodology to determine correlation. Second, drafts were peer-reviewed by WET-trained elementary, middle, and high school teachers. Reviewers' most common finding was that WET activities lend themselves to modification, and in so doing, would meet many more standards than indicated. NHWET chose, however, to correlate based on a strict interpretation of the activities, as they are written.

HOW TO USE THIS HANDBOOK

The purpose of this handbook is to assist educators who are reviewing and revising their science curricula. The primary audience is classroom teachers, curriculum specialists, and curriculum committees. The handbook is divided into three sections, as follows:

- **PART I** lists each Project WET activity from the *K-12 Curriculum and Activity Guide* followed by the standards from the NH Frameworks for Science Literacy (K-12) with which it is aligned.

Use Part I if you have a particular WET activity in mind and want to know how it correlates with the state curriculum standards. Or, to find an appropriate activity to meet your needs, use WET's "Topic Index" to select several potential activities to supplement your unit. To determine which state standards correlate with these activities, find the name of each activity in this handbook. Select an activity based on your objectives for your unit and the degree to which the activity correlates with appropriate standards. Each WET activity is listed alphabetically (as is listed on page viii of the guide) and is followed by the strand and stem for each framework that is correlated to that activity.

- **PART II** lists individual state curriculum standards from the NH Frameworks for Science Literacy (K-12), followed by the WET activities that meet the individual standards.

Use Part II if you have a particular curriculum standard in mind and want to find an activity that meets this standard. Then read about the activities in your WET guide to determine the one most suitable for your particular situation.

All science domains (i.e. Life Science), strands (i.e. All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species) and stems (i.e. 1- Classification) are listed. Following each standard, the WET activities aligned with that standard are identified by name.

- **Part III** is a chart that lists each WET activity alphabetically in the *K-12 Curriculum and Activity Guide* (as is on page viii of the guide) and the standards from the NH Frameworks for Science Literacy (K-12) with which each activity is aligned.

Note: Throughout this handbook, the domains are abbreviated as follows:

ESS – Earth Space Science
LS – Life Science
PS – Physical Science
SPS – Science Process Skills

Project WET Activities With NH Frameworks For Science Literacy

Adventures in Density

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

3 – Conducting Scientific Investigations

AfterMath

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

A-Maze-Ing Water

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Aqua Bodies

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species)

2 – Living Things and Organization

Aqua Bodies (cont.)

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

3 – Human Identity

Aqua Notes

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).

2 – Living Things and Organization

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

3 – Human Identity

Back to the Future

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Branching Out!

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

2 – Composition and Features

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Capture, Store, and Release

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

CEO (The)

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

4 – Career and Technical Education

SPS3 – Personal, Social, and Technological Perspectives

3 – Science and Technology; Technological Design and Application

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

2 – Communication Skills

Choices and Preferences, Water Index

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Cold Cash in the Icebox

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

PS4 – The growth of scientific knowledge in Physical Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1 – Design Technology

Cold Cash in the Icebox (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills

- 1 – Making Observations and Asking Questions
- 2 – Designing Scientific Investigations
- 3 – Conducting Scientific Investigations
- 4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

- 4 – Problem Identification, Formulation, and Solution

Color Me A Watershed

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

- 7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

- 3 – Social Issues (Local And Global): Uses Of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

- 4 – Representing and Understanding Results of Investigations

Common Water

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

- 7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

- 3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

- 4 – Representing and Understanding Results of Investigations

Dilemma Derby

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses Of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy

9 – Social Responsibility

Drop in the Bucket (A)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Dust Bowls and Failed Levees

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1 – Atmosphere, Climate, and Weather

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local And Global): Uses Of Earth Materials and Environmental Change

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

2 – Communication Skills

Easy Street

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local And Global): Uses Of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri–State Targets by Big Idea)

4 – Patterns of Change

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Energetic Water

PS2 – Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

1 – Change

3 – Energy

SPS1 – Scientific Inquiry and Critical Thinking Skills–1

1 – Making Observations and Asking Questions

2 – Designing Scientific Investigations

5 – Evaluating Scientific Investigations

Every Drop Counts

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri–State Targets by Big Idea)

3 – Models and Scale

Get the Ground Water Picture

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Geyser Guts

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

2 – Composition and Features

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Grave Mistake (A)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

5 – Evaluating Scientific Investigations

Great Stony Book (The)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

2 – Composition and Features

3 – Fossils

Great Stony Book (The) (cont.)

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

5 – Processes and Rates of Change

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Great Water Journeys

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

2 – Communication Skills

H₂Olympics

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

3 – Conducting Scientific Investigations

Hangin' Together

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

1 – Composition

2 – Properties

Hangin' Together (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Hot Water

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy–1

1 – Making Observations and Asking Questions

2 – Designing Scientific Investigations

House of Seasons (A)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1 – Atmosphere, Climate, and Weather

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Humpty Dumpty

LS2 – Energy flows and matter recycles through an ecosystem.

1 – Environment

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

Humpty Dumpty (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri-State Targets by Big Idea)

2 – Systems and Energy

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy

3 – Critical Thinking and Systems Thinking

4 – Problem Investigation, Formulation, and Solution

Imagine!

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

Incredible Journey (The)

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

PS2 – Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

3 – Energy

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Irrigation Interpretation

LS5 – The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Medical Technology and Biotechnology

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Is There Water on Zork?

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

2 – Designing Scientific Investigations

3 – Conducting Scientific Investigations

4 – Representing and Understanding Results of Investigations

5 – Evaluating Scientific Investigations

Just Passing Through

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Let's Even Things Out

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).

2 – Living Things and Organization

SPS2 – Unifying Concepts of Science (including Tri-State Targets by Big Idea)

4 – Patterns of Change

Life Box (The)

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).

2 – Living Things and Organization

LS2 – Energy flows and matter recycles through an ecosystem.

1 – Environment

SPS1 – Scientific Inquiry and Critical Thinking Skills

5 – Evaluating Scientific Investigations

Life in the Fast Lane

LS2 – Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 – Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 – Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Scientific Investigations

SPS2 – Unifying Concepts of Science (including Tri-State Targets by Big Idea)

4 – Patterns of Change

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Long Haul (The)

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Macroinvertebrate Mayhem

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).

2 – Living Things and Organization

LS2 – Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 – Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 – Change

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Molecules in Motion

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

1 – Composition

2 – Properties

Molecules in Motion (cont.)

PS2 – Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

1 – Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Money Down the Drain

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Nature Rules!

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1 – Atmosphere, Climate, and Weather

SPS3 – Personal, Social, and Technological Perspectives

1 – Collaboration in Scientific Endeavors

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

2 – Communication Skills

No Bellyachers

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

2 – Disease

Old Water

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

3 – Fossils

5 – Processes and Rates of Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Pass the Jug

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy

6 – Interpersonal and Collaborative Skills

People of the Bog

LS2 – Energy flows and matter recycles through an ecosystem.

1 – Classification

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

2 – Composition and Features

5 – Processes and Rates of Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Perspectives

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

9 – Social Responsibility

Piece It Together

LS2 – Energy flows and matter recycles through an ecosystem.

1 – Environment

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

1 – Behavior

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1 – Atmosphere, Climate, and Weather

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Poetic Precipitation

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1 – Atmosphere, Climate, and Weather

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Poison Pump

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

2 – Disease

LS5 – The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Medical Technology and Biotechnology

4 – Career Technical Education Connections

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Price is Right (The)

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

3 – Science and Technology; Technological Design and Application

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Pucker Effect (The)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Pucker Effect (The) (cont.)

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Rainy–Day Hike

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Reaching Your Limits

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Salt Marsh Players

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species)

2 – Living Things and Organization

LS2 – Energy flows and matter recycles through an ecosystem.

1 – Environment

Salt Marsh Players (cont.)

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

1 – Behavior

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Sparkling Water

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

2 – Designing Scientific Investigations

3 – Conducting Scientific Investigations

4 – Representing and Understanding Results of Investigations

Stream Sense

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

Sum of the Parts

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri-State Targets by Big Idea)

2 – Nature of Science

Super Bowl Surge

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

3 – Science and Technology; Technological Design and Application

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

3 – Critical Thinking and Systems Thinking

4 – Problem Identification, Formulation, and Solution

5 – Creativity and Intellectual Curiosity

Super Sleuths

LS4 –Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

2 – Disease

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Thirsty Plants

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).

2 – Living Things and Organization

LS2 – Energy flows and matter recycles through an ecosystem.

3 – Recycling of Materials

SPS1 – Scientific Inquiry and Critical Thinking Skills

3 – Conducting Scientific Investigations

Thunderstorm (The)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1 – Atmosphere, Climate, and Weather

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Water: Read All About It

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

2 – Communication Skills

Water Address

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).

2 – Living Things and Organization

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Water Bill of Rights

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Water Celebration

NONE

Water Concentration

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri-State Targets by Big Idea)

4 – Patterns of Change

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Water Court

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Water Crossings

NONE

Water in Motion

PS3 – The motion of an object is affected by force.

2 – Motion

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

2 – Designing Scientific Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Water Match

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

SPS1 – Scientific Inquiry and Critical Thinking Skills.

1 – Making Observations and Asking Questions

Water Messages in Stone

NONE

Water Meter

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Water Meter (cont.)

SPS4 – Science Skills for Information, Communication and Media Literacy

6 – Interpersonal and Collaborative Skills

Water Models

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1 – Atmosphere, Climate, and Weather

2 – Composition and Features

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri-State Targets by Big Idea)

3 – Models and Scale

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Water Works

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

6 – Interpersonal and Collaborative Skills

Water Write

NONE

Wet Vacation

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1 – Atmosphere, Climate, and Weather

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Wet–Work Shuffle

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

4 – Career and Technical Education

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Wetland Soils in Living Color

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

6 – Rock Cycle

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

What's Happening?

NONE

What's the Solution?

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

- 1 – Composition
- 2 – Properties

SPS1 – Scientific Inquiry and Critical Thinking Skills

- 1 – Making Observations and Asking Questions
- 4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

- 3 – Critical Thinking and Systems Thinking

Where Are the Frogs?

LS3 – Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

- 1 – Change

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

- 1 – Composition

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

- 7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

- 1 – Making Observations and Asking Questions
- 3 – Conducting Scientific Investigations
- 4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

- 2 – Communication Skills

Whose Problem Is It?

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

- 3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

Whose Problem Is It? (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

Wish Book

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

NH Frameworks For Science Literacy (K–12)

Earth Space Science

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1. Atmosphere, Climate, and Weather
 - Dust Bowls and Failed Levees
 - House of Seasons (A)
 - Nature Rules!
 - Piece It Together
 - Poetic Precipitation
 - Thunderstorm (The)
 - Water Models
 - Wet Vacation
2. Composition and Features
 - Branching Out
 - Geyser Guts
 - Great Stony Book (The)
 - People of the Bog
 - Water Models
3. Fossils
 - Great Stony Book (The)
 - Old Water
4. Observation of the Earth from Space
 - None*
5. Processes and Rates of Change
 - Great Stony Book (The)
 - Old Water
 - People of the Bog
6. Rock Cycle
 - Wetland Soils in Living Color
7. Water
 - A–Maze–Ing Water
 - Branching Out!
 - Capture, Store, and Release
 - Color Me A Watershed
 - Common Water
 - Drop in the Bucket (A)
 - Get the Ground Water Picture
 - Geyser Guts
 - Grave Mistake (A)
 - Great Stony Book (The)
 - Great Water Journeys
 - Imagine!
 - Incredible Journey (The)
 - Just Passing Through
 - Macroinvertebrate Mayhem
 - Piece It Together
 - Poetic Precipitation
 - Pucker Effect (The)
 - Rainy–Day Hike
 - Reaching Your Limits
 - Sparkling Water
 - Stream Sense
 - Sum of the Parts
 - Water Models
 - Where Are the Frogs?

ESS2 – The Earth is part of a solar system, made up of distinct parts, which have temporal and spatial interrelationships.

1. Earth, Sun and Moon
None
2. Energy
None
3. Solar System
None
4. View from Earth
None

ESS3 – The origin and evolution of galaxies and the universe demonstrate fundamental principles of physical science across vast distances and time.

1. Size and Scale
None
2. Stars and Galaxies
None
3. Universe
None

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1. Design Technology
None
2. Tools
None
3. Social Issues (Local and Global)
AfterMath
A–Maze–Ing Water
Back to the Future
CEO (The)
Color Me A Watershed
Common Water
Dilemma Derby
Dust Bowls and Failed Levees
Easy Street
Every Drop Counts
Grave Mistake (A)

Humpty Dumpty
Irrigation Interpretation
Just Passing Through
Long Haul (The)
Macroinvertebrate Mayhem
Perspectices
Price is Right (The)
Reaching Your Limits
Sparkling Water
Sum of the Parts
Super Bowl Surge

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3. Social Issues (Local and Global) (cont.)

Water Bill of Rights
Water Concentration
Water Meter
Water Works
Wet–Work Shuffle
Whose Problem Is It?

4. Career Technical Education Connections

CEO (The)
Wet–Work Shuffle

Life Science

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).

1. Classification

None

2. Living Things and Organization

Aqua Bodies

Aqua Notes

Let's Even Things Out

Life Box (The)

Macroinvertebrate Mayhem

Salt Marsh Players

Thirsty Plants

Water Address

3. Reproduction

None

LS2 – Energy flows and matter recycles through an ecosystem.

1. Environment

Humpty Dumpty

Life Box (The)

Life in the Fast Lane

Macroinvertebrate Mayhem

People of the Bog

Piece It Together

Salt Marsh Players

2. Flow of Energy

None

3. Recycling of Materials

Thirsty Plants

LS3 – Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1. Change

Life in the Fast Lane

Macroinvertebrate Mayhem

Where Are the Frogs?

2. Evolution

None

3. Natural Selection

None

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

1. Behavior
 - Piece It Together
 - Salt Marsh Players
2. Disease
 - No Bellyachers
 - Poison Pump
 - Super Sleuths
3. Human Identity
 - Aqua Bodies
 - Aqua Notes

LS5 – The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1. Design Technology
 - None*
2. Tools
 - None*
3. Social Issues (Local and Global)
 - Irrigation Interpretation
 - Poison Pump
4. Career Technical Education Connections
 - Poison Pump

Physical Science

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

1. Composition

Hangin' Together
Molecules in Motion
What's the Solution?
Where Are the Frogs?

2. Properties

Adventures in Density
Cold Cash in the Icebox
H2Olympics
Hangin' Together
Imagine!

Incredible Journey (The)
Is There Water on Zork?
Molecules in Motion
Water Match
What's the Solution?

PS 2 – Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

1. Change

Energetic Water
Molecules in Motion

2. Conservation

None

3. Energy

Energetic Water
Incredible Journey (The)

PS 3 – The motion of an object is affected by force.

1. Forces

None

2. Motion

Water in Motion

PS4 – The growth of scientific knowledge in Physical Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1. Design Technology
Cold Cash in the Icebox
2. Tools
None
3. Social Issues (Local and Global)
None
4. Career Technical Education Connections
None

Science Process Skills

SPS1: Scientific Inquiry and Critical Thinking Skills

1. Making Observations and Asking Questions

Adventures in Density	Price is Right (The)
Capture, Store, and Release	Pucker Effect (The)
Cold Cash in the Icebox	Rainy-Day Hike
Drop in the Bucket (A)	Reaching Your Limits
Energetic Water	Stream Sense
Every Drop Counts	Sum of the Parts
Geyser Guts	Thunderstorm (The)
Great Stony Book (The)	Water Concentration
H2Olympics	Water in Motion
Hangin' Together	Water Match
Irrigation Interpretation	Water Meter
Is There Water on Zork?	Water Models
Life in the Fast Lane	Water Works
Money Down the Drain	What's the Solution?
Pass the Jug	Where Are the Frogs?
People of the Bog	Wish Book

2. Designing Scientific Investigations

Cold Cash in the Icebox
Energetic Water
Is There Water on Zork?
Sparkling Water
Water in Motion

3. Conducting Scientific Investigations

Adventures in Density	Sparkling Water
Cold Cash in the Icebox	Thirsty Plants
H2Olympics	Where Are the Frogs?
Is There Water on Zork?	

4. Representing and Understanding Results of Investigations

AfterMath	Dilemma Derby
A-Maze-Ing Water	Drop in the Bucket (A)
Back to the Future	Easy Street
Branching Out!	Every Drop Counts
Capture, Store, and Release	Get the Ground Water Picture
Choices and Preferences,	Geyser Guts
Water Index	Grave Mistake (A)
Cold Cash in the Icebox	Great Stony Book (The)
Color Me A Watershed	Great Water Journeys
Common Water	Hangin' Together

SPS1: Scientific Inquiry and Critical Thinking Skills (cont.)

4. Representing and Understanding Results of Investigations (cont.)

House of Seasons (A)	Rainy-Day Hike
Humpty Dumpty	Reaching Your Limits
Incredible Journey (The)	Salt Marsh Players
Irrigation Interpretation	Sparkling Water
Is There Water on Zork?	Sum of the Parts
Just Passing Through	Super Sleuths
Life in the Fast Lane	Thunderstorm (The)
Long Haul (The)	Water Address
Macroinvertebrate Mayhem	Water Concentration
Molecules in Motion	Water Meter
Money Down the Drain	Water Models
Old Water	Water Works
Pass the Jug	Wet Vacation
People of the Bog	Wetland Soils in Living Color
Piece It Together	Wet-Work Shuffle
Poetic Precipitation	What's the Solution?
Poison Pump	Where Are the Frogs?
Price is Right (The)	Whose Problem Is It?
Pucker Effect (The)	Wish Book

5. Evaluating Scientific Explanations

Energetic Water
Grave Mistake (A)
Is There Water on Zork?
Life Box (The)

SPS2: Unifying Concepts of Science.

1. Nature of Science

None

2. Systems and Energy

Humpty Dumpty
Sum of the Parts

3. Models and Scale

Every Drop Counts
Water Models

4. Patterns of Change

Easy Street	Life in the Fast Lane
Let's Even Things Out	Water Concentration

SPS2: Unifying Concepts of Science. (cont.)

5. Form and Function
None

SPS3: Personal, Social, and Technological Perspectives

1. Collaboration in Scientific Endeavors
Nature Rules!
2. Common Environmental Issues, Natural Resources Management and Conservation

Dilemma Derby	Perspectives
Easy Street	Price is Right (The)
Hot Water	Pucker Effect (The)
Humpty Dumpty	Rainy-Day Hike
Life in the Fast Lane	Super Bowl Surge
Money Down the Drain	Water Court
Pass the Jug	
3. Science and Technology; Technological Design and Application

CEO (The)	
Price is Right (The)	
Super Bowl Surge	

SPS4: Science Skills for Information, Communication and Media Literacy

1. Information and Media Literacy

CEO (The)	Perspectives
Dust Bowls and Failed Levees	Water: Read All About It
Great Water Journeys	Whose Problem Is It?
Hot Water	Wish Book
Nature Rules!	
2. Communication Skills

CEO (The)	Salt Marsh Players
Dust Bowls and Failed Levees	Super Bowl Surge
Great Water Journeys	Water Bill of Rights
Hangin' Together	Water Concentration
Hot Water	Water Court
House of Seasons (A)	Water in Motion
Molecules in Motion	Water Models
Nature Rules!	Water: Read All About It
Old Water	Wet Vacation
Poetic Precipitation	Wet-Work Shuffle
Price is Right (The)	Where Are the Frogs?

SPS4: Science Skills for Information, Communication and Media Literacy (cont.)

3. Critical Thinking and Systems Thinking
 - Humpty Dumpty
 - Super Bowl Surge
 - What's the Solution?
4. Problem Identification, Formulation, and Solution
 - Cold Cash in the Icebox
 - Humpty Dumpty
 - Super Bowl Surge
5. Creativity and Intellectual Curiosity
 - Super Bowl Surge
6. Interpersonal and Collaborative Skills
 - Pass the Jug
 - Water Meter
 - Water Works
7. Self Direction
 - None*
8. Accountability and Adaptability
 - None*
9. Social Responsibility
 - Dilemma Derby
 - Perspectives

**Charts Correlating
Project WET Guide
with
NH Frameworks for
Science Literacy (K-12)**

Earth Space Science*

	ESS1							ESS2				ESS3			ESS4			
WET Activity	1	2	3	4	5	6	7	1	2	3	4	1	2	3	1	2	3	4
Adventures in Density																		
AfterMath																	●	
A-Maze-Ing Water							●										●	
Aqua Bodies																		
Aqua Notes																		
Back to the Future																	●	
Branching Out!		●					●											
Capture, Store, and Release							●											
CEO, The																	●	●
Choices and Preferences																		
Cold Cash in the Icebox																		
Color Me a Watershed							●										●	
Common Water							●										●	
Dilemma Derby																	●	
Drop in the Bucket, A							●											
Dust Bowls and Levees	●																●	
Easy Street																	●	
Energetic Water																		
Every Drop Counts																	●	
Get the GW Picture							●											
Geyser Guts		●					●											
Grave Mistake, A							●										●	
Great Stony Book, The		●	●		●		●											
Great Water Journeys							●											
H ₂ Olympics																		
Hangin' Together																		
Hot Water																		
House of Seasons, A	●																	

A Handbook Linking Project WET Activity Guide to New Hampshire's Curriculum Frameworks

	ESS1							ESS2				ESS3			ESS4			
WET Activity	1	2	3	4	5	6	7	1	2	3	4	1	2	3	1	2	3	4
Humpty Dumpty																	●	
Imagine!							●											
Incredible Journey							●											
Irrigation Interpretation																	●	
Is There Water on Zork?																		
Just Passing Through							●										●	
Let's Even Things Out																		
Life Box, The																		
Life in the Fast Lane																		
Long Haul, The																	●	
Macroinvert. Mayhem							●										●	
Molecules in Motion																		
Money Down the Drain																		
Nature Rules!	●																	
No Bellyachers																		
Old Water			●		●													
Pass the Jug																		
People of the Bog		●			●													
Perspectives																	●	
Piece It Together	●						●											
Poetic Precipitation	●						●											
Poison Pump																		
Price is Right, The																	●	
Pucker Effect, The							●											
Raining Cats and Dogs																		
Rainstick, The																		
Rainy-Day Hike							●											
Reaching Your Limits							●										●	
Salt Marsh Players																		
Sparkling Water							●										●	

A Handbook Linking Project WET Activity Guide to New Hampshire's Curriculum Frameworks

	ESS1							ESS2				ESS3			ESS4			
WET Activity	1	2	3	4	5	6	7	1	2	3	4	1	2	3	1	2	3	4
Stream Sense							●											
Sum of the Parts							●										●	
Super Bowl Surge																	●	
Super Sleuths																		
Thirsty Plants																		
Thunderstorm, The	●																	
Water: Read All About It																		
Water Address																		
Water Bill of Rights																	●	
Water Celebration																		
Water Concentration																	●	
Water Court																		
Water Crossings																		
Water in Motion																		
Water Match																		
Water Messages in Stone																		
Water Meter																	●	
Water Models	●	●					●											
Water Works																	●	
Water Write																		
Wet Vacation	●																	
Wet-Work Shuffle																	●	●
Wetland Soils in Color						●												
What's Happening?																		
What's the Solution?																		
Where Are the Frogs?							●											
Whose Problem Is It?																	●	
Wish Book																		

Life Science*

	LS1			LS2			LS3			LS4			LS5			
WET Activity	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4
Adventures in Density																
AfterMath																
A-Maze-Ing Water																
Aqua Bodies		●										●				
Aqua Notes		●										●				
Back to the Future																
Branching Out!																
Capture, Store, and Release																
CEO, The																
Choices and Preferences																
Cold Cash in the Icebox																
Color Me a Watershed																
Common Water																
Dilemma Derby																
Drop in the Bucket, A																
Dust Bowls and Levees																
Easy Street																
Energetic Water																
Every Drop Counts																
Get the GW Picture																
Geyser Guts																
Grave Mistake, A																
Great Stony Book, The																
Great Water Journeys																
H ₂ Olympics																
Hangin' Together																
Hot Water																
House of Seasons, A																

A Handbook Linking Project WET Activity Guide to New Hampshire's Curriculum Frameworks

	LS1			LS2			LS3			LS4			LS5			
WET Activity	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4
Humpty Dumpty				●												
Imagine!																
Incredible Journey																
Irrigation Interpretation															●	
Is There Water on Zork?																
Just Passing Through																
Let's Even Things Out		●														
Life Box, The		●		●												
Life in the Fast Lane				●			●									
Long Haul, The																
Macroinvert. Mayhem		●		●			●									
Molecules in Motion																
Money Down the Drain																
Nature Rules!																
No Bellyachers											●					
Old Water																
Pass the Jug																
People of the Bog				●												
Perspectives																
Piece It Together				●						●						
Poetic Precipitation																
Poison Pump											●				●	●
Price is Right, The																
Pucker Effect, The																
Raining Cats and Dogs																
Rainstick, The																
Rainy-Day Hike																
Reaching Your Limits																
Salt Marsh Players		●		●						●						
Sparkling Water																

A Handbook Linking Project WET Activity Guide to New Hampshire's Curriculum Frameworks

	LS1			LS2			LS3			LS4			LS5			
WET Activity	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4
Stream Sense																
Sum of the Parts																
Super Bowl Surge																
Super Sleuths											●					
Thirsty Plants		●				●										
Thunderstorm, The																
Water: Read All About It																
Water Address		●														
Water Bill of Rights																
Water Celebration																
Water Concentration																
Water Court																
Water Crossings																
Water in Motion																
Water Match																
Water Messages in Stone																
Water Meter																
Water Models																
Water Works																
Water Write																
Wet Vacation																
Wet-Work Shuffle																
Wetland Soils in Color																
What's Happening?																
What's the Solution?																
Where Are the Frogs?							●									
Whose Problem Is It?																
Wish Book																

Physical Science*

	PS1		PS2			PS3		PS4			
WET Activity	1	2	1	2	3	1	2	1	2	3	4
Adventures in Density		●									
AfterMath											
A-Maze-Ing Water											
Aqua Bodies											
Aqua Notes											
Back to the Future											
Branching Out!											
Capture, Store, and Release											
CEO, The											
Choices and Preferences											
Cold Cash in the Icebox		●						●			
Color Me a Watershed											
Common Water											
Dilemma Derby											
Drop in the Bucket, A											
Dust Bowls and Levees											
Easy Street											
Energetic Water			●		●						
Every Drop Counts											
Get the GW Picture											
Geyser Guts											
Grave Mistake, A											
Great Stony Book, The											
Great Water Journeys											
H ₂ Olympics		●									
Hangin' Together	●	●									
Hot Water											
House of Seasons, A											

A Handbook Linking Project WET Activity Guide to New Hampshire's Curriculum Frameworks

	PS1		PS2			PS3		PS4			
WET Activity	1	2	1	2	3	1	2	1	2	3	4
Humpty Dumpty											
Imagine!		●									
Incredible Journey		●			●						
Irrigation Interpretation											
Is There Water on Zork?		●									
Just Passing Through											
Let's Even Things Out											
Life Box, The											
Life in the Fast Lane											
Long Haul, The											
Macroinvert. Mayhem											
Molecules in Motion	●	●	●								
Money Down the Drain											
Nature Rules!											
No Bellyachers											
Old Water											
Pass the Jug											
People of the Bog											
Perspectives											
Piece It Together											
Poetic Precipitation											
Poison Pump											
Price is Right, The											
Pucker Effect, The											
Raining Cats and Dogs											
Rainstick, The											
Rainy-Day Hike											
Reaching Your Limits											
Salt Marsh Players											
Sparkling Water											

A Handbook Linking Project WET Activity Guide to New Hampshire's Curriculum Frameworks

	PS1		PS2			PS3		PS4			
WET Activity	1	2	1	2	3	1	2	1	2	3	4
Stream Sense											
Sum of the Parts											
Super Bowl Surge											
Super Sleuths											
Thirsty Plants											
Thunderstorm, The											
Water: Read All About It											
Water Address											
Water Bill of Rights											
Water Celebration											
Water Concentration											
Water Court											
Water Crossings											
Water in Motion							●				
Water Match		●									
Water Messages in Stone											
Water Meter											
Water Models											
Water Works											
Water Write											
Wet Vacation											
Wet-Work Shuffle											
Wetland Soils in Color											
What's Happening?											
What's the Solution?	●	●									
Where Are the Frogs?	●										
Whose Problem Is It?											
Wish Book											

Science Process Skills*

	SPS1					SPS2					SPS3			SPS4								
WET Activity	1	2	3	4	5	1	2	3	4	5	1	2	3	1	2	3	4	5	6	7	8	9
Adventures in Density	●		●																			
AfterMath				●																		
A-Maze-Ing Water				●																		
Aqua Bodies																						
Aqua Notes																						
Back to the Future				●																		
Branching Out!				●																		
Capture, Store, and Release	●			●																		
CEO, The													●	●	●							
Choices and Preferences				●																		
Cold Cash in the Icebox	●	●	●	●													●					
Color Me a Watershed				●																		
Common Water				●																		
Dilemma Derby				●								●										●
Drop in the Bucket, A	●			●																		
Dust Bowls and Levees														●	●							
Easy Street				●					●			●										
Energetic Water	●	●			●																	
Every Drop Counts	●			●				●														
Get the GW Picture				●																		
Geyser Guts	●			●																		
Grave Mistake, A				●	●																	
Great Stony Book, The	●			●																		
Great Water Journeys				●										●	●							
H ₂ Olympics	●		●																			
Hangin' Together	●			●											●							
Hot Water												●		●	●							
House of Seasons, A				●											●							

A Handbook Linking Project WET Activity Guide to New Hampshire's Curriculum Frameworks

	SPS1					SPS2					SPS3			SPS4								
WET Activity	1	2	3	4	5	1	2	3	4	5	1	2	3	1	2	3	4	5	6	7	8	9
Humpty Dumpty				●			●					●				●	●					
Imagine!																						
Incredible Journey				●																		
Irrigation Interpretation	●			●																		
Is There Water on Zork?	●	●	●	●	●																	
Just Passing Through				●																		
Let's Even Things Out									●													
Life Box, The					●																	
Life in the Fast Lane	●			●					●			●										
Long Haul, The				●																		
Macroinvert. Mayhem				●																		
Molecules in Motion				●												●						
Money Down the Drain	●			●								●										
Nature Rules!											●			●	●							
No Bellyachers																						
Old Water				●											●							
Pass the Jug	●			●								●							●			
People of the Bog	●			●																		
Perspectives												●		●								●
Piece It Together				●																		
Poetic Precipitation				●											●							
Poison Pump				●																		
Price is Right, The	●			●								●	●		●							
Pucker Effect, The	●			●								●										
Raining Cats and Dogs																						
Rainstick, The																						
Rainy-Day Hike	●			●								●										
Reaching Your Limits	●			●																		
Salt Marsh Players				●											●							
Sparkling Water		●	●	●																		

A Handbook Linking Project WET Activity Guide to New Hampshire's Curriculum Frameworks

	SPS1					SPS2					SPS3			SPS4								
WET Activity	1	2	3	4	5	1	2	3	4	5	1	2	3	1	2	3	4	5	6	7	8	9
Stream Sense	●																					
Sum of the Parts	●			●			●															
Super Bowl Surge												●	●		●	●	●	●				
Super Sleuths				●																		
Thirsty Plants			●																			
The Thunderstorm	●			●																		
Water: Read All About It														●	●							
Water Address				●																		
Water Bill of Rights															●							
Water Celebration																						
Water Concentration	●			●					●						●							
Water Court												●			●							
Water Crossings																						
Water in Motion	●	●													●							
Water Match	●																					
Water Messages in Stone																						
Water Meter	●			●															●			
Water Models	●			●				●							●							
Water Works	●			●															●			
Water Write																						
Wet Vacation				●											●							
Wet-Work Shuffle				●											●							
Wetland Soils in Color				●																		
What's Happening?																						
What's the Solution?	●			●												●						
Where Are the Frogs?	●		●	●											●							
Whose Problem Is It?				●										●								
Wish Book	●			●										●								

Earth Space Science

ESS1 - The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

ESS2 - The Earth is part of a solar system, made up of distinct parts, which have temporal and spatial interrelationships.

ESS3 - The origin and evolution of galaxies and the universe demonstrate fundamental principles of physical science across vast distances and time.

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

Life Science

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).

LS2 – Energy flows and matter recycles through an ecosystem.

LS3 – Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life

LS5 – The growth of scientific knowledge in Life Science has been advanced through development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

Physical Science

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

PS2 – Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

PS3 – The motion of an object is affected by force.

PS4 – The growth of scientific knowledge in Physical Science has been advanced through development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

Science Process Skills

SPS1 – Scientific Inquiry and Critical Thinking Skills

SPS2 – Unifying Concepts of Science

SPS3 – Personal, Social, and Technological Perspectives

SPS4 – Science Skills for Information, Communication and Media Literacy

The complete text for the NH Frameworks for Science Literacy is available online at www.ed.state.nh.us.